	er ID 67783 rch 30, 2011 11:33:04 AM									Page 1
Revision ID:	D3417-5		Accept				s s	etup Start		
tem Name: Start Date: Required Date: Reference:	Washer 3/30/2011		-	Cust Item I Customer:	D:			Stop		
Approvals:	Process Plan:QC:	Date://-03-	ろン Tooling: SPC (Y/N):		ate:		R	Run Start		
Sequence ID/ Work Center II	Operation Description		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr						· · · · · · · · · · · · · · · · · · ·	i		
D3417	Rev E					,		1		
100 Doosan Doosan Lathe	Rev: 🥀	per Folio FA761	0.00	l 11. 4.	5		3.	1		
	2-Deburr	17 Rev:		ml 11. y				;		
110 	QC2- Inspect parts of Memo	f machine FAI/FAIB	0.00	out 11. y	- 5		30	:		
Quality Control								 		
120 	QC8- Inspect parts - s	econd check	0.00	11415	•		30	1		
~ '	Memo		0.00					1		

Quality Control

Dart Ae	rospace Lt	td						
W/O:			WO	RK ORDER CHANGES	S			
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
Part No			l.	gory:				
	Resc	olution:	Disposition	n:	QA: N/C CI	osed:	Date: _	
NCR:			WORK ORDI	ER NON-CONFORMAN	ICE (NCR	3)		
DATE	CTED	Description of NC		Corrective Action Section		Verification	Approval	Approva
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspect
							E C	

Work Order ID 67783

Wednesday, March 30, 2011 11:33:04 AM



Page 2

Item ID:

D3417-5

Accept

Setup Start

Revision ID:

Start Date:

Item Name: Washer

Required Date: 4/4/2011

3/30/2011 **Start Qty: 30.00**

Operation

Description

Req'd Qty: 30.00

Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

Date:

SPC (Y/N):

Set Up/

Date:

Tool # Plan

Code

Stop

Stop

Sequence ID/ **Work Center ID**

130

Packaging

Memo

Run Hours

0.00

Accept Qty

Reject

Reject Insp. Number

Stamp

Packaging

Memo

Identify as per dwg & Stock Location:

0.00

Qty

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

0.00

Dart Aei	rospace	Ltd							
W/O:				WORK ORDER	CHANGES				
DATE	STEP	PROC	CEDURE	CHANGE		Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	_ Fault	Category:	N	CR: Yes N	lo DQA:	Date: _	
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NCR:		W	ORK (PRDER NON-CO	NFORMANC	CE (NCR)			
DATE	STEP	Description of NC		Corrective Act			Verification	Approval	Approval
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	1	Description of NC	1 1	OCCION COMMINE	•	Varification	Approval	Annroval
DATE	STEP	Section A Initial Chief Eng		Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

Wednesday, March 30, 2011 11:33:09 AM

Work Order ID: 67783

Parent Item: D3417-5

Parent Item Name: Washer



Start Date: 3/30/2011

Required Date: 4/4/2011

Start Qty: 30.00

Required Qty: 30.00

Comments:

IPP Rev:A□New issue□08-07-09 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MDELRINR1.2500	1	Purchased	No			110	f	24.0000	0.0296	0.934737	7		
										MX	11.	4-5	-

DELRIN ROUND BAR 1.25"

Location Loc Code Loc Qty MAT055 24 114586 24

Dart Aerospace Ltd W/O: WORK ORDER CHANGES DATE STEP PROCEDURE CHANGE By Date Qty Chief Eng/Prod Mgr QC Inspector Approval QC Inspector

Part No:		PAR #:	Fault	Category:	NCR: Yes No	DQA:	Date:	
	Resolution:		Dispo	sition:	QA: N/C Close	ed:	Date:	

NCR:		,	WORK ORDER NON-CONFORMANCE (NCR)										
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto					
													
	1												

DART AEROSPACE LTD	Work Order:	67783
Description: Washer	Part Number:	D3417-5
Inspection Dwg: D3417 Rev: E		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

+0.030/-0.000 +0.008/-0.001 +0.010/-0.000 +0.010/-0.000 +/-0.010	1.148 .646 -125		20.02	
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+0.010/-0.000				
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Measured by:	Audited by:	12	Preliminary Approval:	
Date: //. 4/- 5	Date:	11-15	Date:	
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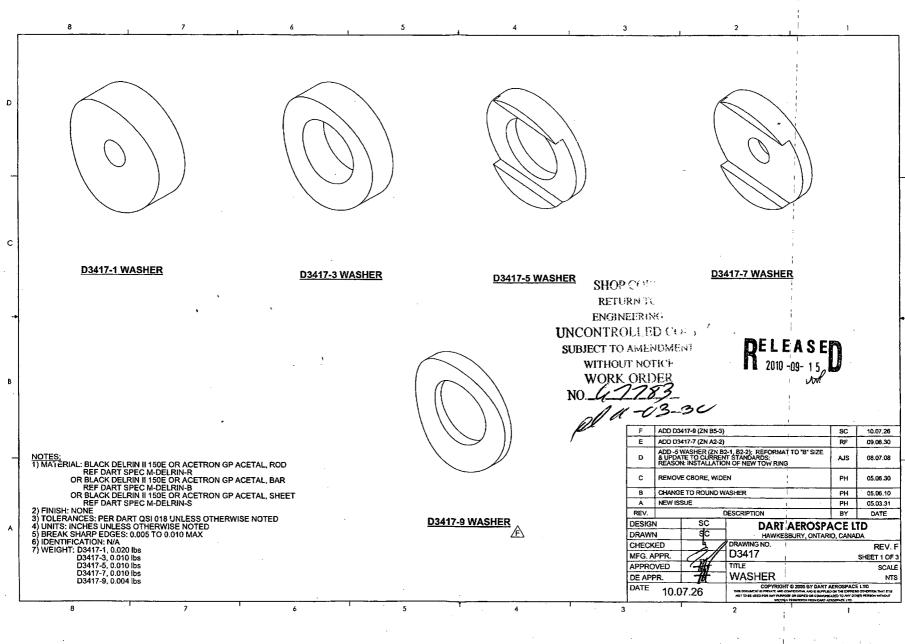
Rev	Date	Change	Revised by	Approved
Α	09.05.04	New Issue	KJ/DD	1
В	10.11.12	Dwg Rev updated	KJ [X-)	_/ X

Dart Aerospace Ltd

W/O:			WO	RK ORDER CH	IANGES					
DATE	STEP	PRO	CEDURE CHAN	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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		Section A	Chief Eng	Chief Eng		Date	Şect	ion C	Chief Eng	QC Inspector
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NOTE: Date & initial all entries

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Dart	Aeros	pace	Ltd
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W/O:				WORK ORDER CHAN	IGES					
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DATE	STED	Description of NC			Section B	Ciara 0	Verifi	cation	Approval	Approval
DATE STEP Description of NC Section A	Initial Chief En		on ·	Sign & Date	Sect	Section C	Chief Eng	QC Inspector		
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0.251 -- Ø0.641 R2.00 D 0.409 Ø0.265 Ø1.125+0.030 -0.000 0.810 +0.010 Ø1.125+0.030 -0.000 0.120+0.010 С **D3417-5 WASHER** 0.320 **D3417-1 WASHER** 0.251 Ø0.265 0.346 Ø0.641 Ø1.125^{+0.030} 0.810+0.010 8 Ø1.125^{+0.030} 0.120 +0.010 -0.000 **D3417-7 WASHER** DART AEROSPACE LTD

HAWKESBURY, ONTARIO, CANADA

DARWING NO.

D3417 SHEE 0.260 DESIGN DRAWN CHECKED REV. F **D3417-3 WASHER** MFG. APPR. SHEET 2 OF 3 TITLE APPROVED SCALE DE APPR. WASHER NTS 10.07.26

Dart	Aeros	pace	Ltd
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W/O:			WORK ORDER CHANGES					
DATE	STEP	PROCEDURE	CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Date: _____

Resolution: ____ Disposition: ___

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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC inspecto	
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NOTE: Date & initial all entries

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D a (v 41783 0.181 — Ø0.641 Ø1.125^{+0.030} 0.078 --В **D3417-9 WASHER**

DESIGN DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN DRAWING NO. CHECKED REV. F MFG. APPR. SHEET 3 OF 3 TITLE WASHER APPROVED SCALE DE APPR. DATE 10.07.26

Dart	Aerospace	e Ltd
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W/O:			WORK ORDER	CHANGES				
DATE	STEP	PROCEDURE	CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No:	P	AR #:	Fault	Category:	NCR: Yes N	lo DQA :	Date:
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